

NOTES:

1. INTERPRET CALLOUTS/SYMBOLS PER ASME Y14.5M-1994
2. REFERENCE RECOMMENDED MOUNTING DETAIL 15-009-04.
3. RF PERFORMANCE CHARACTERISTICS REPRESENT AN INDIVIDUAL RELAY WHEN TESTED USING FLANGE TYPE "SMA" CONNECTOR LAUNCHERS. PERFORMANCE VALUES ARE SUBJECT TO AND MAY DEVIATE BASED ON END USER DISCRETION OF PCB TO RELAY LAUNCH TRANSITION DESIGN.
4. VERIFICATION OF CHARACTERISTICS ARE IN REFERENCE WITH MIL-S-3928.
5. RECOMMENDED PULSE WIDTH DURATION FOR SWITCHING RELAY, 50-500 MILLISECONDS.

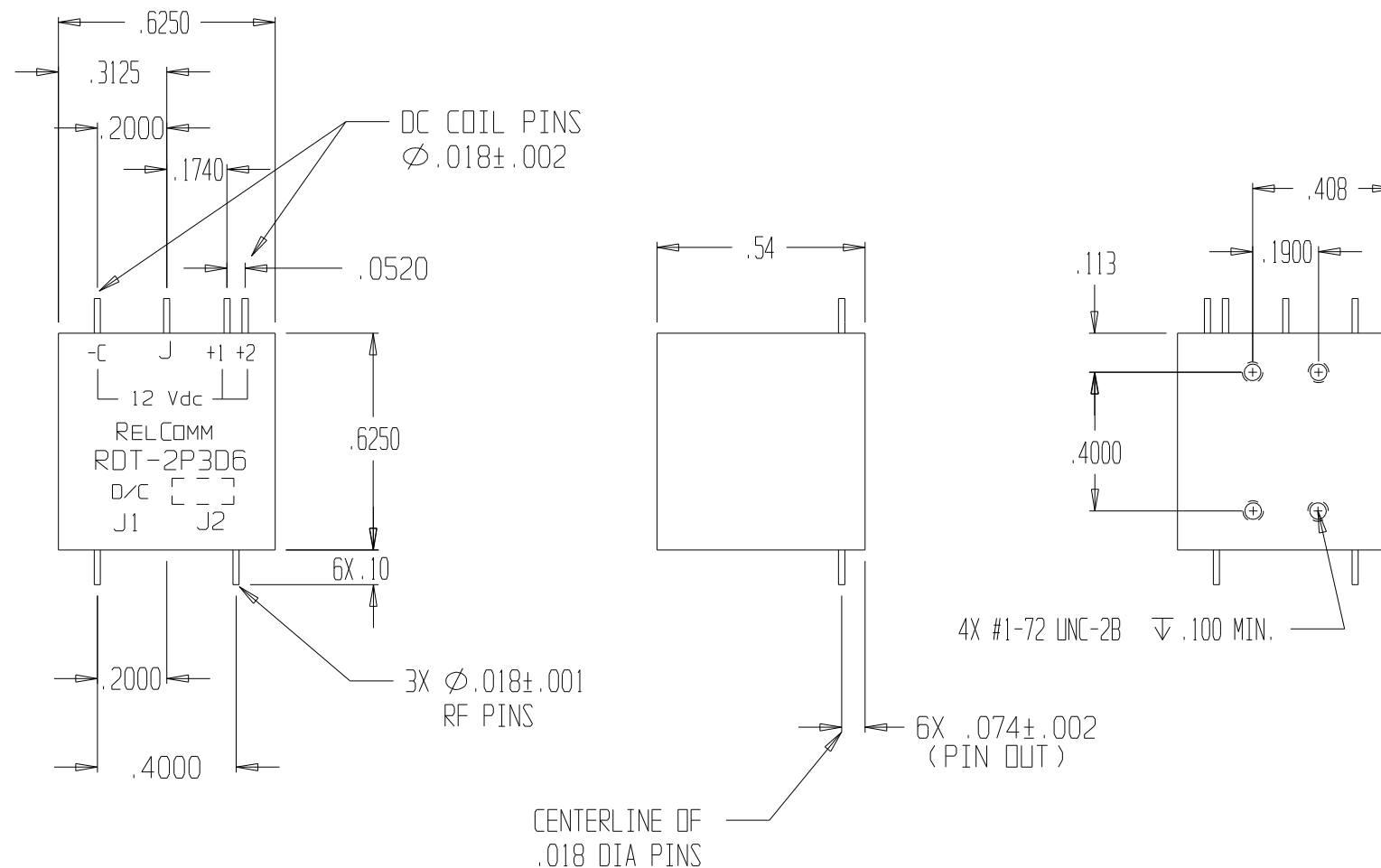
CHARACTERISTICS:

NOMINAL IMPEDANCE (OHM) -----	50			
FREQUENCY RANGE (GHz) -----	DC-1	1-2	2-4	4-6
V.S.W.R. (MAX) -----	1.1:1	1.15:1	1.2:1	1.3:1
INSERTION LOSS (dB MAX) -----	0.10	0.15	0.20	0.30
ISOLATION (dB MIN) -----	80	75	70	60
AVERAGE POWER(WATTS TYP)-----	65	45	35	25

TEMPERATURE RANGE (OPERATING) --	-40° C - +85° C
TEMPERATURE RANGE (STORAGE) ----	-55° C - +100° C
OPERATING VOLTAGE (OVER TEMP) --	10.8 - 13.2 Vdc
SWITCHING VOLTAGE (MIN @ 25°C) -	9.5 Vdc
ACTUATING CURRENT (mA MAX) ----	150 NOM @ 12 Vdc & 25° C (1.8 WATT NOM)
SWITCHING TIME (MAX) -----	10 mSEC @ 12 Vdc & 25° C
SWITCHING ACTION (LATCHING)-----	BREAK BEFORE MAKE
LIFE (MINIMUM)-----	1 * 10^6 CYCLES
WEIGHT (OZ) -----	0.6 NOM

MATERIALS/FINISH:

HOUSING -----	ALUMINUM/NICKEL
INSULATION ---	TEFLON
CONTACTS -----	BERYLLIUM COPPER/GOLD
PIN OUTS -----	BRASS/GOLD



SCHEMATIC SHOWN IN POSITION 1 (+1 LAST ENERGIZED)

				UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES AND INCLUDE PLATING. TOLERANCES .XX ±.02 FRACTIONS ± .XXX ±.010 SURFACE QUALITY .XXXX ±.0050 63/ MAX	DR J. WILLIAMS 07/08/03 CK B. JONES ENG M. MAGDA MFG QA	<p>REL COMM TECHNOLOGIES, INC. 610 BEAM STREET SALISBURY, MARYLAND 21801</p>	TITLE COAXIAL 1P2T RELAY "PULSE LATCHING"	
				THIRD ANGLE PROJECTION 	THIS DRAWING AND SPECIFICATIONS ARE THE PROPERTY OF RELCOMM TECHNOLOGIES AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEM(S) WITHOUT WRITTEN PERMISSION.		SIZE B	DWG NO. RDT-2P306
REV	ECN NO.	DATE	APPROVAL			SCALE 2:1	DO NOT SCALE DWG	SHEET 1 OF 1